

AQUADOZ Feed and Water Controller

The AQUADOZ controller and AQUADOZ-L feed dispensing controller are used to control the operation of systems of feeding and watering. The AQUAZOZ-WEIGHER controls operation of a dosing weigher (with a strain gauge force sensor). The devices can control e.g. a feeding system drive in order to dispense feed amount on the basis of signals (number of impulses, digital information, etc.) received from a measuring device (e.g. from a dosing weigher, an electronic flow meter).

The AQUADOZ controller is equipped with two independent control channels. Each channel consists of an input calculating impulses and an output (of 'ON – OFF' type) controlling feed and water dispensing. It has got an alarm output (ALARM) that is used to inform about irregular situations during controller's operation. Thanks to suitable settings it is possible to program the conversion of a signal into weight or volume (kg, m3, litres).

The AQUADOZ controller stores and displays counted values of components from both channels. Alternatively, there can be displayed values of components that are still to be dispensed on the current day. It also records a daily distribution of components that is stored together with flock's age, of up to 1000 days.

The controller can be programmed to dispense components at a specified time during the day: it enables to enter the target value of component A (e.g. feed) that should be dispensed during the day in a target number of cycles (max. up to 9 cycles). It is possible to control dispensing of component A manually while the target value of component B (e.g. water) that should be dispensed can be (depending on controller's settings): entered manually, calculated proportionally to the target value of component A (by means of a coefficient defined by the User).

Moreover, it is possible to define up to nine cycles of dispensing of component B within a day and there is also a possibility to control dispensing of component B manually. The user can turn off dispensing of component A or B but not both simultaneously.

The AQUADOZ controller can interoperate with a computer program that provides i.a. a preview of a current operation status, change of settings as well as reading of recordings, also via the Internet (option).

The main characteristics of the AQUADOZ controller:

Many options of operation: DISPENSING CONTROL, COUNTER, DOSING WEIGHER, function of TIMER (feeding programmes)

Two two-state inputs for interoperation with different sources of signals of feed and water dispensing

Recording of daily feed and water dispensing, data memory of up to 1000 days of the breeding period (together with date and time), the clock also operates when the power supply is off (internal battery)

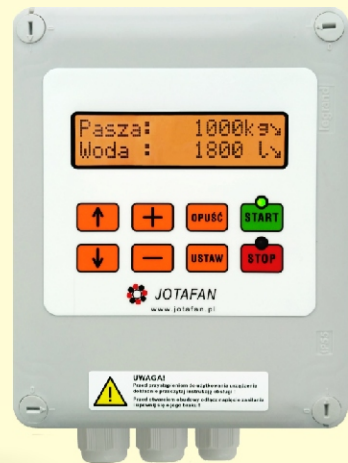
Time programmes: it is possible to divide a daily feed dispensing into cycles (number, time) – up to 9 cycles

The function of feed and water dispensing for the next day ('for tomorrow') with an automatic start of the feeding process at target time, the possibility of percentage comparison of dispensed amount to the previous day

Alarms in case of too big or too small dispensing of components A and B: a daily and the instantaneous one, alarms in case of irregularities in the system operation

Large, easy to read display and ergonomically-designed keypad that make the process of control and data reading easy

The possibility of connecting controllers in one network as well as interoperation with PC computer (option) – also via the Internet



Our offer also includes two-channel counters of feed and water consumption with an alarm function: AQUACUS+

Scan the QR code and find out more